

# DETECTION METHOD FOR TRANSMITTER IDENTIFICATION INFORMATION IN DAB STREAM

Publication number: JP11154919 (A)

Publication date: 1999-06-08

Inventor(s): SCHAEFER WOLFGANG; GRAESSLE JUERGEN;  
ZUMKELLER MARKUS +

Applicant(s): SONY INT EUROP GMBH +

Classification:

- international: H04B1/16; H04H6/50; H04J11/00; H04H6/51; H04B1/16;  
H04J11/00; (IPC1-7): H04H1/00; H04B1/16

- European: H04H6/50

Application number: JP19980240530 19980826

Priority number(s): EP19970115649 19970909

Also published as:

JP3954729 (B2)  
EP0902563 (A1)  
EP0902563 (B1)  
US6134267 (A)  
DE69735152 (T2)

more >>

## Abstract of JP 11154919 (A)

**PROBLEM TO BE SOLVED:** To obtain a reliable result, even when a signal to noise ratio is low, in the detection method of transmitter identification information in a null symbol of a DAB stream.  
**SOLUTION:** The detection method of transmitter identification information, i.e., TII, in a DAB stream includes the following four steps: to obtain a spectrum of a null symbol demodulated by applying differential demodulation to a pair of TII included in a spectrum for each 2nd null symbol of a received DAB stream; to correct a phase of a carrier of the spectrum of the demodulated null symbol by a TFR phase reference code, to decide a threshold value, and to discriminate whether or not the carrier has been set by comparing a level of the carrier with a threshold level decided in a preceding step.

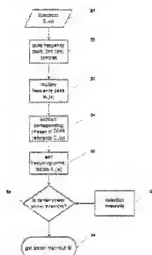


Fig. 1

Data supplied from the **espacenet** database — Worldwide